

10/539049 Valproic Acid Analogs

=> d his

(FILE 'HOME' ENTERED AT 14:13:29 ON 19 DEC 2007)

FILE 'REGISTRY' ENTERED AT 14:13:41 ON 19 DEC 2007

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 5 S L1 SSS FULL

FILE 'HCAPLUS' ENTERED AT 14:16:54 ON 19 DEC 2007

L4 2 S L3

FILE 'STNGUIDE' ENTERED AT 14:17:52 ON 19 DEC 2007

FILE 'CASREACT' ENTERED AT 14:20:39 ON 19 DEC 2007

SET NOTICE DISPLAY 1

SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 14:21:19 ON 19 DEC 2007

L5 3 S 712265-17-3/RN OR 712265-18-4/RN OR 712265-54-8/RN

FILE 'HCAPLUS' ENTERED AT 14:22:09 ON 19 DEC 2007

L6 1 S L5

L7 3 S ABBOTT,F?/AU AND KARAGIOZOV,S?/AU

L8 1 S US2006223888 /PN

FILE 'REGISTRY' ENTERED AT 14:25:20 ON 19 DEC 2007

L9 12 S 712265-71-9/RN OR 712265-72-0/RN OR 712265-73-1/RN OR 712265-

FILE 'HCAPLUS' ENTERED AT 14:27:34 ON 19 DEC 2007

L10 1 S L9

=>

=> d his

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L1 STRUCTURE UPLOADED

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L6 1 S L5

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FILE 'REGISTRY' ENTERED AT 14:25:20 ON 19 DEC 2007

L9 12 S 712265-71-9/RN OR 712265-72-0/RN OR 712265-73-1/RN OR 712265-

FILE 'HCAPLUS' ENTERED AT 14:27:34 ON 19 DEC 2007

L10 1 S L9

FILE 'REGISTRY' ENTERED AT 14:29:11 ON 19 DEC 2007

L11 7 S 712265-33-3/RN OR 712265-39-9/RN OR 712265-42-4/RN OR 712265-

FILE 'HCAPLUS' ENTERED AT 14:30:32 ON 19 DEC 2007

=> s l11

L12 1 L11

=> d ti

L12 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Valproic acid analogs, their preparation, and pharmaceutical compositions  
and therapeutic use thereof

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.94

286.56

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-5.41

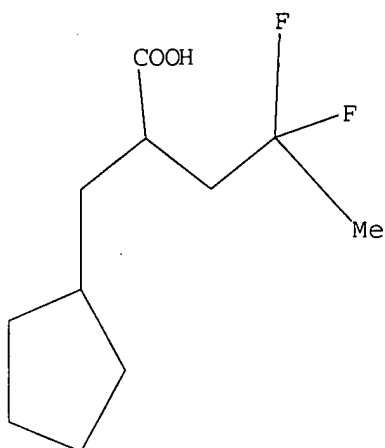
STN INTERNATIONAL LOGOFF AT 14:31:19 ON 19 DEC 2007



=>  
Uploading C:\Program Files\Stnexp\Queries\2007 cases\10539049\species cl27 page7.str

L1 STRUCTURE UPLOADED

=> d l1  
L1 HAS NO ANSWERS  
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1  
SAMPLE SEARCH INITIATED 13:42:16 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 29 TO ITERATE

100.0% PROCESSED 29 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 257 TO 903  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full  
FULL SEARCH INITIATED 13:42:22 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 718 TO ITERATE

100.0% PROCESSED 718 ITERATIONS 2 ANSWERS  
SEARCH TIME: 00.00.01

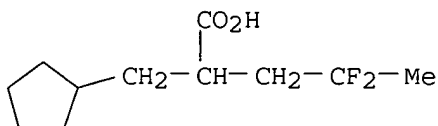
L3 2 SEA SSS FUL L1

=> d l3 1-2

L3 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 712265-61-7 REGISTRY

10/539049 Valproic Acid Analogs

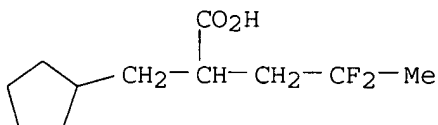
ED Entered STN: 19 Jul 2004  
CN Cyclopentanepropanoic acid,  $\alpha$ -(2,2-difluoropropyl)-, sodium salt  
(9CI) (CA INDEX NAME)  
MF C11 H18 F2 O2 . Na  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL  
CRN (712265-25-3)



● Na

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 712265-25-3 REGISTRY  
ED Entered STN: 19 Jul 2004  
CN Cyclopentanepropanoic acid,  $\alpha$ -(2,2-difluoropropyl)- (CA INDEX NAME)  
MF C11 H18 F2 O2  
CI COM  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> fil hcapl		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	176.45	176.66

FILE 'HCAPLUS' ENTERED AT 13:43:03 ON 19 DEC 2007  
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FILE COVERS 1907 - 19 Dec 2007 VOL 147 ISS 26  
FILE LAST UPDATED: 18 Dec 2007 (20071218/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 12  
L4 0 L2

=> s 13  
L5 1 L3

=> d ibib abs

L5 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2004:534162 HCAPLUS  
DOCUMENT NUMBER: 141:65128  
TITLE: Valproic acid analogs, their preparation, and pharmaceutical compositions and therapeutic use thereof  
INVENTOR(S): Abbott, Frank Slade; Karagiozov, Stoyan Kostadinov  
PATENT ASSIGNEE(S): The University of British Columbia, Can.  
SOURCE: PCT Int. Appl., 84 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004054957	A2	20040701	WO 2003-CA1960	20031216
WO 2004054957	A3	20040910		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2508855	A1	20040701	CA 2003-2508855	20031216
AU 2003289782	A1	20040709	AU 2003-289782	20031216

10/539049 Valproic Acid Analogs

US 2006223888 A1 20061005 US 2006-539049 20060331  
PRIORITY APPLN. INFO.: US 2002-433505P P 20021216  
WO 2003-CA1960 W 20031216

OTHER SOURCE(S): MARPAT 141:65128

AB Analogs of valproic acid useful in treating neuroaffective disorders, including convulsions, bipolar disorder, and migraine headache, are disclosed. The analogs are halide-substituted analogs, cyclic analogs, and conjugated diene analogs of valproic acid. Pharmaceutical compns. or prodrugs containing the analogs or pharmaceutically acceptable salts thereof are disclosed. Methods of making the compds. and treating mammals with neuroaffective disorders are also disclosed.

=> d his

(FILE 'HOME' ENTERED AT 13:41:45 ON 19 DEC 2007)

FILE 'REGISTRY' ENTERED AT 13:41:57 ON 19 DEC 2007

L1 STRUCTURE UPLOADED  
L2 0 S L1  
L3 2 S L1 SSS FULL

FILE 'HCAPLUS' ENTERED AT 13:43:03 ON 19 DEC 2007

L4 0 S L2  
L5 1 S L3

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	10.63	187.29
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.78	-0.78

FILE 'REGISTRY' ENTERED AT 13:45:08 ON 19 DEC 2007

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 DEC 2007 HIGHEST RN 958693-84-0

DICTIONARY FILE UPDATES: 18 DEC 2007 HIGHEST RN 958693-84-0

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TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

10/539049 Valproic Acid Analogs

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> s 712265-25-3/rn

L6 1 712265-25-3/RN

=> file hcapl

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.45

187.74

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-0.78

FILE 'HCAPLUS' ENTERED AT 13:45:46 ON 19 DEC 2007

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FILE COVERS 1907 - 19 Dec 2007 VOL 147 ISS 26

FILE LAST UPDATED: 18 Dec 2007 (20071218/ED)

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=> s l6

L7 1 L6

=> d ti

L7 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Valproic acid analogs, their preparation, and pharmaceutical compositions and therapeutic use thereof

=> d his

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FILE 'REGISTRY' ENTERED AT 13:41:57 ON 19 DEC 2007

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 2 S L1 SSS FULL

FILE 'HCAPLUS' ENTERED AT 13:43:03 ON 19 DEC 2007



10/539049 Valproic Acid Analogs

L4 0 S L2  
L5 1 S L3

L6 FILE 'REGISTRY' ENTERED AT 13:45:08 ON 19 DEC 2007  
1 S 712265-25-3/RN

L7 FILE 'HCAPLUS' ENTERED AT 13:45:46 ON 19 DEC 2007  
1 S L6